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**Application Number** 10/813,849 Filing Date March 30, 2004 TRANSMITTAL FORM First Named Inventor Jonathan J. Hull (to be used for all correspondence during pendency of Group Art Unit Number 2837 filed application) **Examiner Name** Marlon T. Fletcher Total Number of Pages in This Submission Attorney Docket Number 10\* 20412-08358 **ENCLOSURES** (check all that apply) Fee Transmittal Form (in duplicate) Issue Fee Transmittal

Che	ck Enclosed	Letter to Chief Draftsp	person				
Return Receipt	Postcard	Formal Drawing(s):	Formal Drawing(s):				
Response to No	otice to File Missing Parts	[ ] Sheet(s) of I	Figure(s) (	1			
Assignment & F	Recordation Cover Sheet	Appeal Communication	•	-			
Declaration		Interferences					
Power of Attorn	ey	Appeal Communication	on to Grou	p			
Application Date	a Sheet	(Appeal Notice, Brief	, Reply Bri	ef)			
Supplemental II PTO/SB/08A	nformation Disclosure Statement &	Certified Copy of Prio	rity Docum	ent(s)			
🔀 Copie	es of IDS Cited Non-Patent References	After Allowance Comi	munication	to Group			
Request for Co	rected Filing Receipt						
Request for Co	rection of Recorded Assignment						
Amendment/Re	sponse: [ ] Page(s)			· ·			
After	Final						
Status Request		<del>                                   </del>	<del></del>				
	Substitute Power of Attorney	뉴					
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REMARKS: *Page c	ount does not include cited references.	,					
	SIGNATURE OF AT	TORNEY OR AGENT					
Signature:	Cart A W	<u> </u>					
Attorney/Reg. No.:	Robert A. Hulse, Reg. No. 48,473		Dated:	Nav. 3, 2006			
	CERTIFICATE	OF MAILING					
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.							
Signature:	(Cost A.) Il						
Typed or Printed Nar	ne: Robert A. Hulse	144	Dated:	Nov. 3,2006			
Express Mail Mailing	Express Mail Mailing Number (optional):						



## FEE TRANSMITTAL for FY 2006

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 180

Complete if Known				
Application Number	10/813,849			
Filing Date	March 30, 2004			
First Named Inventor	Jonathan J. Hull			
Examiner Name	Marlon T. Fletcher			
Art Unit	2837	_		
Attorney Docket No.	20412-08358			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)					
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None     ☐ Deposit Account:	3. AD	DITION	AL FEE	s		
Deposit Account Number 19-2555		ntity	Small E	Entity	Fee Description	Fee Paid
Deposit Account Name Fenwick & West LLP	Fee Code	Fee (\$)	Fee Code	Fee (\$)		
The Commissioner is authorized to: (check all that apply)	1051	130	2051	65	Surcharge - late filing fee or oath or declaration	
☐ Charge fee(s) indicated below ☐ Credit any overpayments	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this	1053	130	1053	130	Non-English specification	
application	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge fee(s) indicated below, except for the filing fee to	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULATION	1251	120	2251	60	Extension for reply within first month	
1. BASIC FILING FEE	1252	450	2252	225	Extension for reply within second month	
Large Entity Small Entity	1253	1020	2253	510	Extension for reply within third month	
Fee Fee Fee Fee Description Fee Paid	1254	1,590	2254	795	Extension for reply within fourth month	
Code (\$)   Code (\$)	1255 1401	2,160 500	2255 2401	1,080 250	Extension for reply within fifth month  Notice of Appeal	<b></b>
	1402	500	2402	250	Filing a brief in support of an appeal	<del>                                     </del>
	1403	1000	2403	500	Request for oral hearing	
	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
	1452	500	2452	250	Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 0	1453	1,500	2453	750	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,400	2501	700	Utility issue fee (or reissue)	
Extra Claims Fee from Fee Paid below	1502	800	2502	400	Design issue fee	
Total Claims -20**= X = Independent	1503	1100	2503	550	Plant issue fee	
Claims X = X	1460	—	1460	_	Petitions to the Director	
Multiple Dependent	1807	50	1807	50	Processing fee for Provisional Applications	
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt	180
Fee Fee Code (\$) Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 50 2202 25 Claims in excess of 20	1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1201 200 2201 100 Independent claims in excess of 3	1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1203 360 2203 180 Multiple dependent claim, if not paid	1801	790	2801	395	Request for Continued Examination (RCE)	
1204 200 2204 100 **Reissue independent claims over original patent	1802	900	1802	900	Request for expedited examination of a design application	
1205 50 2205 25 **Reissue claims in excess of 20 and over original patent	Other fe	e (specify	v)			
SUBTOTAL (2) (\$) 0	*Raduco	d by Racia	: Filing Fe	a Paid	SUBTOTAL (3) (\$) 180	
or number previously paid, if greater, For Reissues, see above	Reduced	oy basic	rung Fe	e raio		

SUBMITTED BY					Complete (if applicable)
Name (Print/Type)	Robert A. Hulse	Registration No. (Attorney/Agent)	48,473		Telephone (415) 875-2444
Signature	Rut d.	12h		Date	Nov. 3, 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:

Jonathan J. Hull et al.

MPLICATION NO.:

10/813,849

FILING DATE:

March 30, 2004

TITLE:

Music Processing Printer

**EXAMINER:** 

Marlon T. Fletcher

GROUP ART UNIT:

2837

ATTY. DKT. NO.:

20412-08358

## **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated

Nov. 3, 2006

By

Robert A. Hulse, Reg. No.: 48

MAIL STOP AMENDMENT COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner. A concise explanation in accordance with 37 CFR §1.98(a)(3) of the relevant portions of the cited reference that are not in the English language is believed to be set forth in the English abstract accompanying the reference.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

Ш	within three months of the filing date of the application, or date of entry
	into the national stage of an international application, or before the mailing
	date of a first office action on the merits, whichever event last occurred;

	before	the ma	ailing of a first official action after the filing of a request for
	continu	ued exa	amination (RCE) under 37 CFR § 1.114;
$\boxtimes$	after th	iree mo	onths of the filing date of this national application or the date
	of entr	y of the	e national stage in an international application, or after the
	mailin	g dațe	of the first official action on the merits, whichever event last
	occurre	ed, but	before the mailing date of the first to occur of either: (1) a
	final a	ction u	nder 37 CFR §1.113; or (2) an action that otherwise closes
	prosec	ution i	n the application, and:
	$\boxtimes$	attac	hed hereto is the fee set forth under 37 CFR §1.17(p) for
		subm	nission of this Information Disclosure Statement under 37
		CFR.	.§ 1.97(c); OR
		Appl	icant certifies pursuant to 37 CFR § 1.97(e) that:
			each item of information contained in this Information
			Disclosure Statement was first cited in a communication
			from a foreign patent office in a counterpart foreign
			application not more than three months prior to the filing of
			this Statement; OR
			no item of information contained in this Information
			Disclosure Statement was cited in a communication from a
			foreign patent office in a counterpart foreign application
			and, to the knowledge of the person signing this
			certification after making reasonable inquiry, no item of
			information contained in this Statement was known to any
			individual designated under 37 CFR § 1.56(c) more than
			three months prior to the filing of this Statement;
	on or	before	the payment of the issue fee but after the mailing date of the
	first to	occur	of either: (1) a final action under 37 CFR § 1.113; (2) a
	notice	of allo	owance under 37 CFR § 1.311; or (3) an action that otherwise
	closes	prosec	cution in the application, and:
		Appl	icant certifies pursuant to 37 CFR. § 1.97(e) that:
			each item of information contained in this Information
			Disclosure Statement was cited in a communication from a
			foreign patent office in a counterpart foreign application not
			more than three months prior to the filing of this Statement;
			no item of information contained in this Information
			Disclosure Statement was cited in a communication from a

foreign patent office in a counterpart foreign application
and, to the knowledge of the person signing this
certification after making reasonable inquiry, no item of
information contained in this Statement was known to any
individual designated under 37 CFR § 1.56(c) more than
three months prior to the filing of this Statement; AND
attached hereto is the fee set forth under 37 CFR §1.17(p) for
submission of this Information Disclosure Statement under 37
CFR.§ 1.97(d); OR
after the payment of the issue fee. Applicant requests that the information
contained in this Information Disclosure Statement be placed in the file
according to 37 CFR § 1.97(i), although the information may not be
considered by the USPTO.
Enclosed is a copy of each listed reference that may be material to the
examination of this application, and for which there may be a duty to disclose.
This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior
application No, filed on, and the references cited therein are
hereby referenced, but are not required to be provided in this application under 37
CFR § 1.98(d).
Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
Each item of information contained in this Information Disclosure Statement was
cited in a communication from a foreign patent office in a counterpart application and the communication was not received by any individual designated in 37 CFR
§ 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted, JONATHAN J. HULL ET AL.

Dated: Nov. 3, 2006

y: \_\_\_\_\_\_

Robert A. Hulse, Reg. No.:48,473

Fenwick & West LLP Silicon Valley Center 801 California Street

Mountain View, CA 94041

Tel.: (415) 875-2444 Fax.: (650) 938-5200

Substitute for form 1449A/PTO	Complete if Known			
INFORMATION DISCLOSURE	Application No.	10/813,849		
STATEMENT BY APPLICANT	Filing Date	March 30, 2004		
NOV 0 6 2006	First Named Inventor	Jonathan J. Hull		
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Art Unit	2837		
The second second	Examiner Name	Marlon T. Fletcher		
Sheet 1 PAIL EVOITS 3	Attorney Docket Number	20412-08358		

			U.S. PATE	ENT DOCUMENTS
		Document No.		
Examiner Initials*	Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-7,031,965	04-18-2006	Moriya et al.
	A2	US-6,892,193	05-10-2005	Bolle et al.
	A3	US-2004/0240541 A1	12-02-2004	Chadwick et al.
	A4	US-6,824,044	11-30-2004	Lapstun et al.
	A5	US-6,807,303	10-19-2004	Kim et al.
	A6	US-6,775,651	08-10-2004	Lewis et al.
	A7	US-2004/0128613 A1	07-01-2004	Sinisi
	A8	US-6,724,494	04-20-2004	Danknick
	A9	US-6,687,383	02-03-2004	Kanevsky et al.
	A10	US-2003/160898 A1	08-28-2003	Baek et al.
	A11	US-6,611,628	08-26-2003	Sekiguchi et al.
	A12	US-2003/051214 A1	03-13-2003	Graham et al.
	A13	US-6,519,360	02-11-2003	Tanaka
	A14	US-2002/0199149 A1	12-26-2002	Nagasaki et al.
	A15	US-2002/171857 A1	11-21-2002	Hisatomi et al.
	A16	US-2002/0159637 A1	10-31-2002	Echigo et al.
	A17	US-6,373,585	04-16-2002	Mastie et al.
	A18	US-2002-006100 A1	01-17-2002	Cundiff Sr. et al.
	A19	US-2002/004807 A1	01-10-2002	Graham et al.
	A20	US-2001/037408 A1	11-10-2001	Thrift et al.
	A21	US-6,298,145	10-02-2001	Zhang et al.
	A22	US-6,106,457	08-22-2000	Perkins et al.
	A23	US-5,987,226	11-16-1999	Ishikawa et'al.
	A24	US-5,903,538	05-11-1999	Fujita et al.
	A25	US-5,774,260	06-30-1998	Petitto et al.
	A26	US-5,690,496	11-25-1997	Kennedy
	A27	US-5,682,330	10-28-1997	Seaman et al.

Examiner Signature	Date Considered		
		l	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

	Substitute for t	form 1449.	A/PTO		Complete if Known	
INEO	DMATION	פוח ו	CLOSURE	Application No.	10/813,849	
		-	=	Filing Date	March 30, 2004	
STATEMENT BY APPLICANT				First Named Inventor	Jonathan J. Hull	
·	i			Art Unit	2837	
				Examiner Name .	Marlon T. Fletcher	
Sheet	2	of	3	Attorney Docket Number	20412-08358	

	U.S. PATENT DOCUMENTS					
		Document No.				
Examiner Initials*	Cite No.1	Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		
	A28	US-5,444,476	08-22-1995	Conway et al.		
	A29	US-4,998,215	0305-1991	Black et al.		
	A30	US-4,907,973	03-13-1990	Hon et al.		

			FOREIGN PA	ATENT DOCUMENTS	
		Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	B1	CN 1097394C	12-25-2002	IBM Corp.	
	B2	EP 1133170 A2	09-12-2001	Sony Corporation	

	,	OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
	C1	DIMITROVA, N. et al., "Applications of Video-Content Analysis and Retrieval," IEEE Multimedia, July-September 2002, pp. 42-55.	
	C2	European Search Report, EP 04255836, September 12, 2006, 4 pages.	
	C3	European Search Report, EP 04255837, September 5, 2006, 3 pages.	
	C4	European Search Report, EP 04255839, September 4, 2006, 3 pages.	
	C5	European Search Report, EP 04255840, September 12, 2006, 3 pages.	
	C6	GRAHAM, J. et al., "A Paper-Based Interface for Video Browsing and Retrieval," ICME '03, July 6-9, 2003, pp. 749-752, Vol. 2.	
	C7	GRAHAM, J. et al., "Video Paper: A Paper-Based Interface for Skimming and Watching Video," ICCE '02, June 18-20, 2002, pp. 214-215.	
	C8	KLEMMER, S.R. et al., "Books With Voices: Paper Transcripts as a Tangible Interface to Oral Histories," CHI Letters, April 5-10, 2003, pp. 89-96, Vol. 5, Issue 1.	
	C9	MINAMI, K. et al., "Video Handling with Music and Speech Detection," IEEE Multimedia, Juy-September 1998, pp. 17-25.	
	C10	SHAHRARAY, B. et al, "Automated Authoring of Hypermedia Documents of Video Programs," ACM	

Examiner Signature	Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

	Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/813,849	
				Filing Date	March 30, 2004	
				First Named Inventor	Jonathan J. Hull	
				Art Unit	2837	
		Examiner Name	Marlon T. Fletcher			
Sheet	3	of	3	Attorney Docket Number	20412-08358	

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials*					
		Multimedia '95 Electronic Proceedings, San Francisco, CA, November 5-9, 1995, pp. 1-12.			
	C11	SHAHRARAY, B. et al., "Pictorial Transcripts: Multimedia Processing Applied to Digital Library Creation," IEEE, 1997, pp. 581-586.			

Examiner	 Date	•
Signature	Considered	
_		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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